

DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2669338	A1	19920522	FR 1990-14519	19901121
FR 2669338	B1	19950303		
WO 9209632	A1	19920611	WO 1991-FR917	19911120
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
EP 564477	A1	19931013	EP 1992-900187	19911120
EP 564477	B1	19981104		
R: AT, BE, CH, DE, GB, LI, LU, NL				
AT 172983	T	19981115	AT 1992-900187	19911120
PRIORITY APPLN. INFO.:				
			FR 1990-14519	A 19901121
			WO 1991-FR917	W 19911120

AB Peptide fragments are disclosed which are derived from the external protein of FIV. Also disclosed are antibodies to the peptide fragments and use of the fragments and the antibodies (alone or conjugated to other substances, e.g. glucose oxidase) for therapeutics and diagnostics. Five specific peptide sequences are claimed. Also claimed is a model for evaluating the efficacy of immunoconjugates. The peptides were used in an ELISA format to test serum samples from FIV-infected and noninfected cats. Results of use of the peptides conjugated to albumin or hemocyanin as immunogens is also reported, as are the preparation and testing of an anti-peptide antibody immunoconjugate with glucose oxidase.

L13 ANSWER 11 OF 11 ZCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1992-424420 ZCAPLUS Full-text
 DOCUMENT NUMBER: 117:24420
 TITLE: Localization of three epitopes of the env protein of feline immunodeficiency virus
 AUTHOR(S): Chouchane, A. Donny; Moraillon, Anne; Sonigo, Pierre; Strosberg, A. Donny
 CORPORATE SOURCE: Inst. Cochin Genet. Mol., Univ. Paris VII, Paris, Fr.
 SOURCE: Molecular Immunology (1992), 29(5), 565-72
 CODEN: MOIMDS; ISSN: 0161-5890

DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The envelope protein of the feline immunodeficiency virus (FIV) was analyzed using several epitope prediction programs based on profiles of hydrophilicity, antigenicity, and probability of residues lying on the protein surface. Tentative homologues with the immunodominant epitope sites in simian virus (SIV) or human immunodeficiency virus (HIV) such as the V3 loop, the site of cleavage between surface envelope protein (SU) and transmembrane envelope protein (TM), and sites of N-glycosylation were thus identified. Five peptides corresponding to potential epitopes were synthesized. Four out of 5 peptides (p99, p100, p101, p103) were from the FIV surface envelope protein (SU). The last one (p102) was from the FIV transmembrane envelope protein TM. Three of these peptides (p99, p100, and p102) were recognized in ELISA by almost all the sera from infected cats. The peptide from TM (p102) was recognized by sera from both naturally infected and inoculated cats, whereas peptide p99 and p100 (from SU) were recognized mainly by sera from naturally infected cats. Thus, peptides p99 and p100 from SU and p102 from TM constitute epitopes on the FIV env protein.

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DICTIONARY FILE UPDATES: 2 JUL 2007 HIGHEST RN 940883-34-1

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FILE COVERS 1907 - 3 Jul 2007 VOL 147 ISS 2

FILE LAST UPDATED: 2 Jul 2007 (20070702/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'ZCAPLUS' FILE

=> d ibib abs hitind L11 1-8.

L11 ANSWER 1 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1099900 ZCAPLUS Full-text

DOCUMENT NUMBER: 146:121082

TITLE: The 160-kilobase genome of the bacterial endosymbiont

AUTHOR (S):

Carsonella

Nakabachi, Atsushi; Yamashita, Atsushi; Toh,
Hidechiro; Ishikawa, Hajime; Dunbar, Helen E.; Moran,
Nancy A.; Hattori, Masahira
Environmental Molecular Biology, RIKEN, Wako, Saitama,
351-0198, Japan
Science (Washington, DC, United States) (2006),
314(5797), 267

CORPORATE SOURCE:

SOURCE:

CODEN: SCIEAS; ISSN: 0036-8075

PUBLISHER:
American Association for the Advancement of Science

DOCUMENT TYPE:

Journal

LANGUAGE:

English

AB Previous studies have suggested that the minimal cellular genome could be as
small as 400 kilobases. The present study reports the complete genome
sequence of the psyllid symbiont Carsonella ruddii, which consists of a
circular chromosome of 159,662 base pairs, averaging 16.5% GC content. It is
the smallest and most AT-rich bacterial genome characterized to date. The
genome has a high coding d. (97%) with many overlapping genes and reduced gene
length. Genes for translation and amino acid biosynthesis are relatively well
represented, but numerous genes considered essential for life are missing,
suggesting that Carsonella may have achieved organelle-like status.

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 10

IT 915062-79-2 915062-80-5 915062-81-6 915062-82-7 915062-83-8
915062-84-9 915062-85-0 915062-86-1 915062-87-2 915062-88-3
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915063-04-6 915063-05-7 915063-06-8 915063-07-9 915063-08-0
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915063-94-4 915063-95-5 915063-96-6 915063-97-7 915063-98-8
915063-99-9 915064-00-5 915064-01-6 915064-02-7 915064-03-8
915064-04-9 915064-05-0 915064-06-1 915064-07-2 915064-08-3
915064-09-4, GTPase (Carsonella ruddii strain PV) 915064-10-7
915064-11-8 915064-12-9 915064-13-0 915064-14-1 915064-15-2
915064-16-3 915064-17-4 915064-18-5 915064-19-6 915064-20-9
915064-21-0 915064-22-1 915064-23-2 915064-24-3 915064-25-4
915064-26-5 915064-27-6 915064-28-7 915064-29-8 915064-30-1
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915064-46-9 915064-47-0 915064-48-1 915064-49-2 915064-50-5
915064-51-6 915064-52-7 915064-53-8 915064-54-9 915064-55-0
915064-56-1 915064-57-2 915064-58-3 915064-59-4

915064-60-7
 RL: BSU (biological study, unclassified); PRP (Properties); BIOL
 (biological study)
 (amino acid sequence; complete sequence of 160-kilobase genome of
 bacterial endosymbiont Carsonella ruddii)
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:769164 ZCAPLUS Full-text
 DOCUMENT NUMBER: 145:224845
 TITLE: Anti-angiogenic peptides and methods of use thereof
 INVENTOR(S): Rastelli, Luca; Landin, Judith; Malyankar, Uriel;
 Kitson, Richard; Corso, Melissa; Brunson, Kenneth
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 48pp., Cont.-in-part of
 PCT/US05/36959.
 CODEN: USXACO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006172941	A1	20060803	US 2006-127849	20060109
WO 2006044614	A2	20060427	WO 2005-US36959	20051014
WO 2006044614	A3	20060810		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EG, ES, FI, GB, GD,
 GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KM, KP, KR, KZ,
 LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, NZ,
 NA, NG, NI, NO, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
 SK, SL, SM, SY, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN,
 YU, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BI,
 CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:
 US 2004-618273P P 20041014
 WO 2005-US36959 A2 20051014

OTHER SOURCE(S):
 MARPAT 145:224845
 AB Anti-angiogenic peptides that inhibit activation or proliferation of
 endothelial cells are disclosed. Such peptides may be used to inhibit VEGF
 binding to the VEGFR2 receptor (also known as the kinase domain receptor or
 KDR) and bFGF binding to its receptor. Such peptides may also be used to
 inhibit, VEGF, bFGF, or integrin activation of endothelial cells in
 angiogenesis-associated diseases such as cancer, leukemia, multiple myeloma,
 inflammatory diseases, eye diseases and skin disorders.

INCL 514012000: 530350000
 CC 1-6 (Pharmacology)
 Section cross-reference(s): 63
 IT 111793-75-0 143740-07-2 144095-01-2 147236-19-9 176254-16-3
 184703-88-6 190894-91-8 205117-83-5 211106-37-5 213617-98-2
 220334-13-4 243961-51-5 247111-51-9 268214-27-3 268539-66-8
 272121-15-0 353483-40-6 359636-54-7 364618-18-8 364618-24-6
 364618-25-7 364618-26-8 492444-99-2 494228-18-1 498573-01-6
 502719-76-8 573664-51-4 875516-71-5 875517-64-9 875579-92-9
 884508-78-5 884508-79-6 884508-80-9 884508-81-0 884508-82-1

884508-83-2 884508-84-3 884508-85-4 884508-86-5 884508-87-6
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 884508-93-4 884508-95-6 884508-96-7 902768-62-1 902768-63-2
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 902768-79-0 902768-80-3 903912-64-1 903912-65-2 904743-60-8
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 904743-66-4D, biotinylated 904743-67-5 904743-68-6 904743-69-7
 904743-71-1 904743-72-2 905438-56-4
 RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic
 use); BIOL (biological study); USES (Uses)
 (anti-angiogenic peptides and methods of use thereof)

L11 ANSWER 3 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:647420 ZCAPLUS Full-text
 DOCUMENT NUMBER: 145:77446
 TITLE: Complete genome sequence of the chlorarachniophyte
 nucleomorph: Nature's smallest nucleus
 Gilson, Paul R.; Su, Vanessa; Slamovits, Claudio H.;
 Reith, Michael E.; Keeling, Patrick J.; McFadden,
 Geoffrey I.
 CORPORATE SOURCE: Infection and Immunity Division, The Walter and Eliza
 Hall Institute of Medical Research, Parkville, 3050,
 Australia
 SOURCE: Proceedings of the National Academy of Sciences of the
 United States of America (2006), 103(25), 9566-9571
 CODEN: PNASAG, ISSN: 0027-8424
 PUBLISHER: National Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The introduction of plastids into different heterotrophic protists created
 lineages of algae that diversified explosively, proliferated in marine and
 freshwater environments, and radically altered the biosphere. The origins of
 these secondary plastids are usually inferred from the presence of adnl.
 plastid membranes. However, two examples provide unique snapshots of
 secondary-endosymbiosis-in-action, because they retain a vestige of the
 endosymbiont nucleus known as the nucleomorph. These are chlorarachniophytes
 and cryptomonads, which acquired their plastids from a green and red alga
 resp. To allow comparisons between them, the nucleomorph genome from the
 chlorarachniophyte Bigelowiella natans was sequenced: at a mere 373,000 bp and
 with only 331 genes, the smallest nuclear genome known and a model for extreme
 reduction. The genome is eukaryotic in nature, with 3 linear chromosomes
 containing densely packed genes with numerous overlaps. The genome is replete
 with 852 introns, but these are the smallest introns known, being only 18, 19,
 20, or 21 nt in length. These pygmy introns are shown to be miniaturized
 versions of normal-sized introns present in the endosymbiont at the time of
 capture. Seventeen nucleomorph genes encode proteins that function in the
 plastid. The other nucleomorph genes are housekeeping entities, presumably
 underpinning maintenance and expression of these plastid proteins.
 Chlorarachniophyte plastids are thus serviced by 3 different genomes (plastid,
 nucleomorph, and host nucleus) requiring remarkable coordination and
 targeting. Although originating by 2 independent endosymbioses,
 chlorarachniophyte and cryptomonad nucleomorph genomes have converged upon
 remarkably similar architectures but differ in many mol. details that reflect
 2 distinct trajectories to hypercompaction and reduction. The B. natans
 nucleomorph genome sequence is deposited in GenBank/EMBL/DBJ under accession
 nos. DQ158856-DQ158858.
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 10

IT 892535-81-8 892535-82-9 892535-83-0 892535-84-1 892535-85-2 892535-86-3 892535-87-4 892535-88-5 892535-89-6 892535-90-9 892535-91-0 892535-92-1 892535-93-2 892535-94-3 892535-95-4 892535-96-5 892535-97-6 892535-98-7 892535-99-8 892536-00-4 892536-01-5 892536-02-6 892536-03-7 892536-04-8 892536-05-9 892536-06-0 892536-07-1 892536-08-2 892536-09-3 892536-10-6 892536-11-7 892536-12-8 892536-13-9 892536-14-0 892536-15-1 892536-16-2 892536-17-3 892536-18-4 892536-19-5 892536-20-8 892536-21-9 892536-22-0 892536-23-1 892536-24-2 892536-25-3 892536-26-4 892536-27-5 892536-28-6 892536-29-7 892536-30-0 892536-31-1 892536-32-2 892536-33-3 892536-34-4 892536-35-5 892536-36-6 892536-37-7 892536-38-8 892536-39-9 892536-40-2 892536-41-3 892536-42-4 892536-43-5 892536-44-6 892536-45-7 892536-46-8 892536-47-9 892536-48-0 892536-49-1 892536-50-4 892536-51-5 892536-52-6 892536-53-7 892536-54-8 892536-55-9 892536-56-0 892536-57-1 892536-58-2 892536-59-3 892536-60-6 892536-61-7 892536-62-8 892536-63-9 892536-64-0 892536-65-1 892536-66-2 892536-67-3 892536-68-4 892536-69-5 892536-70-8 892536-71-9 892536-72-0 892536-73-1 892536-74-2 892536-75-3 892536-76-4 892536-77-5 892536-78-6 892536-79-7 892536-80-0 892536-81-1 892536-82-2 892536-83-3 892536-84-4 892536-85-5 892536-86-6 892536-87-7 892536-88-8 892536-89-9 892536-90-2 892536-91-3 892536-92-4 892536-93-5 892536-94-6 892536-95-7 892536-96-8 892537-01-8 892537-02-9 892537-03-0 892537-04-1 892537-05-2 892537-06-3 892537-07-4 892537-08-5 892537-09-6 892537-10-9 892537-11-0 892537-12-1 892537-13-2 892537-14-3 892537-15-4 892537-16-5 892537-17-6 892537-18-7 892537-19-8 892537-20-1 892537-21-2 892537-22-3 892537-23-4 892537-24-5 892537-25-6 892537-26-7 892537-27-8 892537-28-9 892537-29-0 892537-30-3 892537-31-4 892537-32-5 892537-33-6 892537-34-7 892537-35-8 892537-36-9 892537-37-0 892537-38-1 892537-39-2 892537-40-5 892537-41-6 892537-42-7 892537-43-8 892537-44-9 892537-45-0 892537-46-1 892537-47-2 892537-48-3 892537-49-4 892537-50-7 892537-51-8 892537-52-9 892537-53-0 892537-54-1 892537-55-2 892537-56-3 892537-57-4 892537-58-5 892537-59-6 892537-60-9 892537-61-0 892537-62-1 892537-63-2 892537-64-3 892537-65-4 892537-66-5 892537-67-6 892537-68-7 892537-69-8 892537-70-1 892537-71-2 892537-72-3 892537-73-4 892537-74-5 892537-75-6 892537-76-7 892537-77-8 892537-78-9 892537-79-0 892537-80-3 892537-81-4 892537-82-5 892537-83-6 892537-84-7 892537-85-8 892537-86-9 892537-87-0 892537-88-1 892537-89-2 892537-90-3 892537-91-6 892537-92-7 892537-93-8 892537-94-9 892537-95-0 892537-96-1 892537-97-2 892537-98-3 892537-99-4 892538-00-0 892538-01-1 892538-02-2 892538-03-3 892538-04-4 892538-05-5 892538-06-6 892538-07-7 892538-08-8 892538-09-9 892538-10-2 892538-11-3 892538-12-4 892538-13-5 892538-14-6 892538-15-7 892538-16-8 892538-17-9 892538-18-0 892538-19-1 892538-20-2

REFERENCE COUNT: 41

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 4 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:412218 ZCAPLUS Full-text

DOCUMENT NUMBER: 1441383037

TITLE: Pathogenomic sequence analysis of *Bacillus cereus* and

Bacillus thuringiensis isolates closely related to *Bacillus anthracis*

AUTHOR(S): Han, Cliff S.; Xie, Gary; Challacombe, Jean F.; Altherr, Michael R.; Bhotika, Smriti S.; Bruce, David; Campbell, Connie S.; Campbell, Mary L.; Chen, Jin; Chertkov, Olga; Cleland, Cathy; Dimitrijevic, Mira; Doggett, Norman A.; Fawcett, John J.; Glavina, Tijana; Goodwin, Lynne A.; Hill, Karen K.; Hitchcock, Penny; Jackson, Paul J.; Keim, Paul; Kewalramani, Avinash; Ramesh; Longmire, Jon; Lucas, Susan; Malfatti, Stephanie; McMurry, Kim; Meincke, Linda J.; Misra, Monica; Moseman, Bernice L.; Mundt, Mark; Munk, A. Christine; Okinaka, Richard T.; Parson-Quintana, B.; Reilly, Lee Philip; Richardson, Paul; Robinson, Donna L.; Rubin, Eddy; Saunders, Elizabeth; Tapia, Roxanne; Tesmer, Judith G.; Thayer, Nina; Thompson, Linda S.; Tice, Hope; Ticknor, Lawrence O.; Wills, Patti L.; Bretin, Thomas S.; Gilna, Paul

CORPORATE SOURCE: DOE Joint Genome Institute Los Alamos National Laboratory, Los Alamos, NM, 87545, USA

SOURCE: Journal of Bacteriology (2006), 188(9), 3382-3390

CODEN: JOURB; ISSN: 0021-9193

PUBLISHER: American Society for Microbiology

DOCUMENT TYPE: Journal

LANGUAGE: English

AB *Bacillus anthracis*, *Bacillus cereus*, and *Bacillus thuringiensis* are closely related gram-pos., spore-forming bacteria of the *B. cereus* sensu lato group. While independently derived strains of *B. anthracis* reveal conspicuous sequence homogeneity, environmental isolates of *B. cereus* and *B. thuringiensis* exhibit extensive genetic diversity. This report describes the sequencing and comparative anal. of the genomes of two members of the *B. cereus* group, *B. thuringiensis* 97-27 subsp. konkukian serotype H34, isolated from a necrotic human wound, and *B. cereus* E33L, which was isolated from a swab of a zebra carcass in Namibia. These two strains, when analyzed by amplified fragment length polymorphism within a collection of over 300 of *B. cereus*, *B. thuringiensis*, and *B. anthracis* isolates, appear closely related to *B. anthracis*. The *B. cereus* E33L isolate appears to be the nearest relative to *B. anthracis* identified thus far. Whole-genome sequencing of *B. thuringiensis* 97-27 and *B. cereus* E33L was undertaken to identify shared and unique genes among these isolates in comparison to the genomes of pathogenic strains *B. anthracis* Ames and *B. cereus* G9241 and nonpathogenic strains *B. cereus* ATCC 10987 and *B. cereus* ATCC 14579. Comparison of these genomes revealed differences in terms of virulence, metabolic competence, structural components, and regulatory mechanisms. The *B. thuringiensis* 97-27 and its plasmid pBT9727 sequences are deposited in GenBank/EMBL/DBJ under accession nos. AB017355 and CP000047, and the *B. cereus* E33L and five plasmids sequences are deposited under CP000001 and CP000040-CP000044. [This abstract record is one of two records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 10, 14

IT 883428-51-1 883428-52-2 883428-53-3 883428-54-4 883428-55-5, Protein (plasmid pE33L466 87-amino acid) 883428-56-6, Thioresoxin (plasmid pE33L466) 883428-57-7 883428-58-8 883428-59-9 883428-60-2, Protein (plasmid pE33L466 78-amino acid) 883428-61-3, Protein (plasmid pE33L466 82-amino acid) 883428-62-4, Protein (plasmid pE33L466 73-amino acid) 883428-63-5 883428-64-6, Transposase (plasmid pE33L466 gene tnp) 883428-65-7, Transposase (plasmid pE33L466 gene tnp) 883428-66-8 883428-67-9 883428-68-0, Protein (plasmid pE33L466

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 883430-78-2, Recombinase (plasmid pE33L54) 883430-79-3, Rix protein
 (plasmid pE33L54 gene mobA) 883430-80-6, Protein (plasmid pE33L54
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 pE33L54 97-amino acid) 883430-87-3, Protein (plasmid pE33L54 117-amino
 acid) 883430-89-5 883430-90-8
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (amino acid sequence; pathogenomic sequence anal. of complete genomes
 of Bacillus cereus and Bacillus thuringiensis isolates closely related
 to Bacillus anthracis)
 REFERENCE COUNT: 41
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:383833 ZCAPLUS Full-text
 DOCUMENT NUMBER: 144:440088
 TITLE: Anti-angiogenic peptides and methods of use thereof
 Rastelli, Luca; Landin, Judith; Malyankar, Uriel;
 Kistoni, Richard; Corso, Melissa; Brunson, Kenneth
 Sopheron Therapeutics, Inc., USA
 PATENT ASSIGNEE(S): PCT Int. Appl., 76 pp.
 SOURCE: CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006044614	A2	20060427	WO 2005-US36959	20051014
WO 2006044614	A3	20060810		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,			
	CE, CG, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,			
	GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,			
	LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ,			
	NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG,			
	SK, SL, SM, SY, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN,			

YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BU, CF, CG, CI, CN, GN, GW, ML, MR, NE, SN, TD, TG, BM, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
CA 2583399 A1 20060427 CA 2005-2583399 20051014
US 2006172941 A1 20060803 US 2006-327849 20060109
PRIORITY APPLN. INFO.: US 2004-618273P P 20041014
WO 2005-US36959 W 20051014
OTHER SOURCE(S): MARPAT 144:440088
AB Anti-angiogenic peptides that inhibit activation or proliferation of endothelial cells are disclosed. Such peptides may be used to inhibit VEGF binding to the VEGFR2 receptor (also known as the kinase domain receptor or KDR) and bFGF binding to its receptor. Such peptides may also be used to inhibit VEGF, bFGF, or integrin activation of endothelial cells in angiogenesis-associated diseases such as cancer, leukemia, multiple myeloma, inflammatory diseases, eye diseases and skin disorders.
CC 63-6 (Pharmaceuticals)
IT Section cross-reference(s): 1 884508-78-5 884508-79-6 884508-80-3 884508-81-0 884508-82-1 884508-83-2 884508-84-3 884508-85-4 884508-86-5 884508-87-6 884508-88-7 884508-89-8 884508-90-1 884508-91-2 884508-92-3 884508-93-4 884508-94-5 884508-95-6 884508-96-7 884550-99-6 884551-00-2 884551-01-3 884551-02-4
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(anti-angiogenic peptides and methods of use thereof)
L11 ANSWER 6 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005-603837 ZCAPLUS Full-text
DOCUMENT NUMBER: 143191812
TITLE: The genome of the kinetoplastid parasite, Leishmania major
AUTHOR(S): Ivens, Alasdair C.; Peacock, Christopher S.; Worthey, Elizabeth A.; Murphy, Lee; Aggarwal, Gautam; Berriman, Matthew; Sisk, Ellen; Rajandream, Marie-Adele; Adlem, Ellen; Aert, Rita; Anupama, Atashi; Apostolou, Zina; Attipoe, Philip; Bason, Nathalie; Bauser, Christopher; Beck, Alfred; Beverley, Stephen M.; Blanchettin, Gabriella; Borzym, Katja; Bothe, Gordana; Bruschi, Carlo V.; Collins, Matt; Cadag, Eithon; Chiaroni, Laura; Clayton, Christine; Coulson, Richard M. R.; Cronin, Ann; Cruz, Angela K.; Davies, Robert M.; De Gaudenzi, Javier; Dobson, Deborah E.; Duesterhoeft, Andreas; Fazelina, Ghulam; Fosker, Nigel; Frasch, Alberto Carlos; Fraser, Audrey; Fuchs, Monika; Gabel, Claudia; Goble, Arlette; Goffeau, Andre; Harris, David; Herts-Fowler, Christiane; Hilbert, Helmut; Horn, David; Huang, Yiting; Klages, Sven; Knights, Andrew; Kube, Michael; Larke, Natasha; Litvin, Lyudmila; Lord, Angela; Louie, Tin; Marra, Marco; Masny, David; Matthews, Keith; Michaeli, Shulamit; Mottram, Jeremy C.; Mueller-Auer, Silke; Munden, Heather; Nelson, Siri; Norbertczak, Halina; Oliver, Karen; O'Neill, Susan; Pentony, Martin; Pohl, Thomas M.; Price, Claire; Purnelle, Benedicte; Quail, Michael A.; Rabinowitsch, Ester; Reinhardt, Richard; Rieger, Michael; Rinta, Joel; Robben, Johan; Robertson, Laura;

Ruiz, Jeronimo C.; Rutter, Simon; Saunders, David; Schaefer, Melanie; Schein, Jacques; Schwartz, David C.; Seeger, Kathy; Seyler, Amber; Sharp, Sarah; Shin, Heesun; Sivam, Dhileep; Squares, Rob; Squares, Steve; Tosato, Valentina; Vogt, Christy; Volckaert, Guido; Wambutt, Rolf; Warren, Tim; Wedler, Holger; Woodward, John; Zhou, Shiguo; Zimmermann, Wolfgang; Smith, Deborah F.; Blackwell, Jenefer M.; Stuart, Kenneth D.; Barrell, Bart; Myler, Peter J.
Wellcome Trust Genome Campus, Wellcome Trust Sanger Institute, Hinxton, Cambridgeshire, CB10 1SA, UK
SCIENCE (Washington, DC, United States) (2005), 309(5733), 436-442
CODEN: SCIEAS; ISSN: 0036-8075
PUBLISHER: American Association for the Advancement of Science
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Leishmania species cause a spectrum of human diseases in tropical and subtropical regions of the world. The 36 chromosomes of the 32.8-megabase haploid genome of Leishmania major (Friedlin strain) were sequenced and 911 RNA genes, 39 pseudogenes, and 8272 protein-coding genes were predicted, of which 36% can be ascribed a putative function. These include genes involved in host-pathogen interactions, such as proteolytic enzymes, and extensive machinery for synthesis of complex surface glycoconjugates. The organization of protein-coding genes into long, strand-specific, polycistronic clusters and lack of general transcription factors in the L. major, Trypanosoma brucei, and Trypanosoma cruzi (Trityp) genomes suggest that the mechanisms regulating RNA polymerase II-directed transcription are distinct from those operating in other eukaryotes, although the trypanosomatids appear capable of chromatin remodeling. Abundant RNA-binding proteins are encoded in the Trityp genomes, consistent with active posttranscriptional regulation of gene expression. The genome sequence is deposited in GenBank/EMBL/DBJ under accession nos. GY005244-CT005272, AL139894, AL139794, CP000078-CP000081, AB01274, and NC_004916. [This abstract record is one of two records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]
CC 3-3 (Biochemical Genetics)
IT Section cross-reference(s): 6, 10
856545-34-1 856545-35-2 856545-36-3 856545-37-4 856545-38-5 856545-39-6 856545-40-9 856545-41-0 856545-42-1 856545-43-2 856545-44-3 856545-45-4 856545-46-5 856545-47-6 856545-48-7 856545-49-8 856545-50-1 856545-51-2 856545-52-3 856545-53-4 856545-54-5 856545-55-6 856545-56-7 856545-57-8 856545-58-9 856545-59-0 856545-60-3 856545-61-4 856545-62-5 856545-63-6 856545-64-7 856545-65-8 856545-66-9 856545-67-0 856545-68-1 856545-69-2 856545-70-5 856545-71-6 856545-72-7 856545-73-8 856545-74-9 856545-75-0 856545-76-1 856545-77-2 856545-78-3 856545-79-4 856545-80-7 856545-81-8 856545-82-9 856545-83-0 856545-84-1 856545-85-2 856545-86-3 856545-87-4 856545-88-5 856545-89-6 856545-90-9 856545-91-0 856545-92-1 856545-93-2 856545-94-3 856545-95-4 856545-96-5 856545-97-6 856545-98-7 856545-99-8 856546-00-4 856546-01-5 856546-02-6 856546-03-7 856546-04-8 856546-05-9 856546-06-0 856546-07-1 856546-08-2 856546-09-3 856546-10-6 856546-11-7 856546-12-8 856546-13-9 856546-14-0 856546-15-1 856546-16-2 856546-17-3 856546-18-4 856546-19-5 856546-20-8 856546-21-9 856546-22-0 856546-23-1 856546-24-2 856546-25-3 856546-26-4 856546-27-5 856546-28-6 856546-29-7 856546-30-0 856546-31-1 856546-32-2 856546-33-3 856546-34-4 856546-35-5 856546-36-6 856546-37-7 856546-38-8 856546-39-9 856546-40-2 856546-41-3 856546-42-4

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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(amino acid sequence; genome sequence of Leishmania major)
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:155816 ZCAPLUS Full-text
DOCUMENT NUMBER: 140:194469
TITLE: Nucleic acids and encoded proteins associated with plants and their uses for plant improvement
INVENTOR(S): Liu, Jingdong; Zhou, Yihua; Kovacic, David K.; Screen, Steven E.; Tabaska, Jack E.; Cao, Yongwei
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 15 pp., Cont. -in-part of U.S. Ser. No. 985,678, abandoned.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 76
PATENT INFORMATION:
PATENT NO. KIND DATE APPLICATION NO. DATE
US 2004034888 A1 20040219 US 2003-425114 20030428
US 2004034888 A1 20040219 US 2003-425114 20030428
PRIORITY APPLN. INFO.: US 1999-304517 B1 19990506
US 2001-985678 B2 20011105
US 2003-425114 A 20030428
AB This invention provides 36,564 polynucleotide sequences isolated from cDNA libraries generated from various plants, including Zea mays, Glycine max, Arabidopsis thaliana, Lycopersicon esculentum, Oryza sativa, Triticum aestivum, Eugenia gracilis, Chlorella vulgaris, Schizochytrium aggregatum, Brassica napus, Gossypium hirsutum, Cucumis sativus, Lillium asiatic, Sorghum bicolor, Chlorella sorokiniana, Cuphea pulcherrima, and Allium porrum. The open reading frame in each polynucleotide sequence is identified by a combination of predictive and homol.-based methods. Functions of polypeptides encoded by the polynucleotides sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Sequences useful for producing transgenic plants having improved biol. Properties are identified from their FunCAT annotations. [This abstract record is one of 19 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]
IC ICW A01H001-00
ICS C12N015-82; C07H021-04; C07K014-415; C12N009-24
INCL 800289000; 530370000; 536023600; 435200000
CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 11
IT 661661-20-7 661661-21-8 661661-22-9 661661-23-0 661661-24-1 661661-25-2 661661-26-3 661661-27-4 661661-28-5 661661-29-6 661661-30-9 661661-31-0 661661-32-1 661661-33-2 661661-34-3 661661-35-4 661661-36-5 661661-37-6 661661-38-7 661661-39-8 661661-40-1 661661-41-2 661661-42-3 661661-43-4 661661-44-5 661661-45-6 661661-46-7 661661-47-8 661661-48-9 661661-49-0 661661-50-3 661661-51-4 661661-52-5 661661-53-6 661661-54-7 661661-55-8 661661-56-9 661661-57-0 661661-58-1 661661-59-2 661661-60-5 661661-61-6 661661-62-7 661661-63-8 661661-64-9 661661-65-0 661661-66-1 661661-67-2 661661-68-3 661661-69-4 661661-70-7 661661-71-8 661661-72-9 661661-73-0 661661-74-1 661661-75-2 661661-76-3 661661-77-4 661661-78-5 661661-79-6 661661-80-9 661661-81-0 661661-82-1 661661-83-2 661661-84-3 661661-85-4 661661-86-5 661661-87-6 661661-88-7 661661-89-8 661661-90-1 661661-91-2 661661-92-3 661661-93-4 661661-94-5 661661-95-6 661661-96-7 661661-97-8 661661-98-9 661661-99-0 661662-00-6 661662-01-7 661662-02-8 661662-03-9 661662-04-0 661662-05-1 661662-06-2 661662-07-3 661662-08-4 661662-09-5 661662-10-8 661662-11-9 661662-12-0 661662-13-1 661662-14-2 661662-15-3 661662-16-4 661662-17-5 661662-18-6 661662-19-7 661662-20-8 661662-21-1 661662-22-2 661662-23-3 661662-24-4 661662-25-5 661662-26-6 661662-27-7 661662-28-8 661662-29-9 661662-30-2 661662-31-3 661662-32-4 661662-33-5 661662-34-6 661662-35-7 661662-36-8 661662-37-9 661662-38-0 661662-39-1 661662-40-4 661662-41-5 661662-42-6 661662-43-7 661662-44-8 661662-45-9 661662-46-0 661662-47-1 661662-48-2 661662-49-3 661662-50-6 661662-51-7 661662-52-8 661662-53-9 661662-54-0 661662-55-1 661662-56-2 661662-57-3 661662-58-4 661662-59-5 661662-60-8 661662-61-9 661662-62-0 661662-63-1 661662-64-2 661662-65-3 661662-66-4 661662-67-5 661662-68-6 661662-69-7 661662-70-0 661662-71-3 661662-72-2 661662-73-3 661662-74-4 661662-75-5 661662-76-6 661662-77-7 661662-78-8 661662-79-9 661662-80-2 661662-81-3 661662-82-4 661662-83-5 661662-84-6 661662-85-7 661662-86-8 661662-87-9 661662-88-0 661662-89-1 661662-90-4 661662-91-5 661662-92-6 661662-93-7 661662-94-8 661662-95-9 661662-96-0 661662-97-1 661662-98-2 661662-99-3 661663-00-9 661663-01-0 661663-02-1 661663-03-2 661663-04-3 661663-05-4 661663-06-5 661663-07-6 661663-08-7 661663-09-8 661663-10-1 661663-11-2 661663-12-3 661663-13-4 661663-14-5 661663-15-6 661663-16-7 661663-17-8 661663-18-9 661663-19-0 661663-20-3 661663-21-6 661663-22-5 661663-23-6 661663-24-7 661663-25-8 661663-26-9 661663-27-0 661663-28-1 661663-29-2 661663-30-5 661663-31-6 661663-32-7 661663-33-8 661663-34-9 661663-35-0 661663-36-1 661663-37-2 661663-38-3 661663-39-4 661663-40-7 661663-41-8 661663-42-9 661663-43-0 661663-44-1 661663-45-2 661663-46-3 661663-47-4 661663-48-5 661663-49-6 661663-50-9 661663-51-0 661663-52-1 661663-53-2 661663-54-3 661663-55-4 661663-56-5 661663-57-6 661663-58-7 661663-59-8 661663-60-1 661663-61-2 661663-62-3 661663-63-4

RL: BSU (Biological study, unclassified); BVU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; nucleic acids and encoded proteins associated with plants and their uses for plant improvement)

L11 ANSWER 8 OF 8 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:796119 ZCAPLUS Full-text
DOCUMENT NUMBER: 139:312392
TITLE: Biological affinity-based drug delivery systems
INVENTOR(S): Panitch, Alyssa; Seal, Brandon
PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 33 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

US 2003190364 A1 20031009 US 2003-405339 20030401

WO 2003084481 A2 20031016 WO 2003-US9887 20030401

WO 2003084481 A3 20040401

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SB, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, HT, IL, LU, MC, NL, PT, RO, SE, SI, SK, TR, AU 2003260668 A1 20031020 AU 2003-260668 20030401

PRIORITY APPLN. INFO.: US 2002-369568P P 20020401 WO 2003-US9887 W 20030401

AB The present invention provides compns. for drug delivery, comprising a polymer network; a plurality of polysaccharide binding (PB) polypeptides, wherein the plurality of PB polypeptides are covalently bound to the polymer network, but wherein the PB polypeptides do not serve to covalently cross-link the polymer network; and neg. charged polysaccharides non-covalently bound to the plurality of PB polypeptides; as well as methods for making and using the compns.

IC ICM A61K038-17

INCL A61K031-727; A61K009-14; A61K031-737; A61K031-728

CC 63-5 (Pharmaceuticals)

IT 9003-16-1, Polyfumaric acid 25189-55-3, Poly(n-isopropylacrylamide) 117609-40-2 145123-91-7 176502-05-9 188842-14-0 191936-91-1 220408-24-2 227199-94-2 227199-95-3 227199-96-4 227199-97-5 227199-98-6 227199-99-7 287393-83-3 287393-83-3 373389-48-1 393153-52-1 395069-86-0 406482-85-7 496958-05-5 500724-83-4 500724-84-5 500724-85-6 500724-86-7 500724-87-8 500724-88-9 500724-94-7 573114-86-0 610317-75-4 610317-76-5 610317-77-6 610317-78-7 610317-79-8 610317-80-1 610317-81-2 610317-82-3 610317-83-4 610317-84-5 610317-85-6 610317-86-7 610317-87-8 610317-88-9 610317-89-0 610317-90-3 610317-91-4 610317-92-5 610317-93-6 610317-94-7 610317-95-8 610317-96-9 610323-96-1 610323-97-2 610323-98-3 610323-99-4

RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses) (biol. affinity-based drug delivery systems)

=> d his full

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L3 2315 SEA ABB-ON PLU-ON L1 AND SQL<100

L4 289 SEA ABB-ON PLU-ON L1 AND SQL<26

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2 SEA ABB-ON PLU-ON US2006-568108/AP
D SCA

L6 269320 SEA ABB-ON PLU-ON BIOLOGICAL TRANSPORT7/BI

L7 266 SEA ABB-ON PLU-ON L1 AND L6
D KWIC L7 1

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L13 11 SEA ABB-ON PLU-ON AVREWEAS A?/AU

L14 0 SEA ABB-ON PLU-ON L11 AND L13

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FILE 'ZCAPLUS' ENTERED AT 14:56:19 ON 03 JUL 2007
D L13 TOT IBIB ABS

FILE 'REGISTRY' ENTERED AT 14:57:25 ON 03 JUL 2007

FILE 'ZCAPLUS' ENTERED AT 14:57:29 ON 03 JUL 2007
D IBIB ABS HITIND L11 1-8

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JUL 2007 HIGHEST RN 940883-34-1

DICTIONARY FILE UPDATES: 2 JUL 2007 HIGHEST RN 940883-34-1

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<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 3 Jul 2007 VOL 147 ISS 2

FILE LAST UPDATED: 2 Jul 2007 (20070702/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jun 29, 2007 (20070629/UP).

FILE LRREGISTRY

LRREGISTRY IS A STATIC LEARNING FILE

NEW CAS INFORMATION USE POLICIES, ENTER HELP USAGETERMS FOR DETAILS.

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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0.21

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STRUCTURE FILE UPDATES: 1 JUL 2007 HIGHEST RN 940612-32-8

DICTIONARY FILE UPDATES: 1 JUL 2007 HIGHEST RN 940612-32-8

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Please note that search-term pricing does apply when
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The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats. The predefined substance formats
are: (RN = CAS Registry Number)

REG - RN

SAM - Index Name, MF, and structure - no RN

FIDE - All substance data, except sequence data

IDE - FIDE, but only 50 names

SQIDE - IDE, plus sequence data

SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

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HELP FORMATS -- To see detailed descriptions of the predefined formats.
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      INDEX NAME)
OTHER NAMES:
CN   GenBank BAF20877
CN   GenBank BAF20877 (Translated from: GenBank AP008213)
FS   PROTEIN SEQUENCE
SQL  275
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251 KPAETVEGSR ECKNNEKEET HVAAA

HITS AT: 102-119

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN

RN 846538-32-7 REGISTRY

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FS PROTEIN SEQUENCE; STEREOSEARCH

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SR CA

LC STN Files: CA, CAPLUS

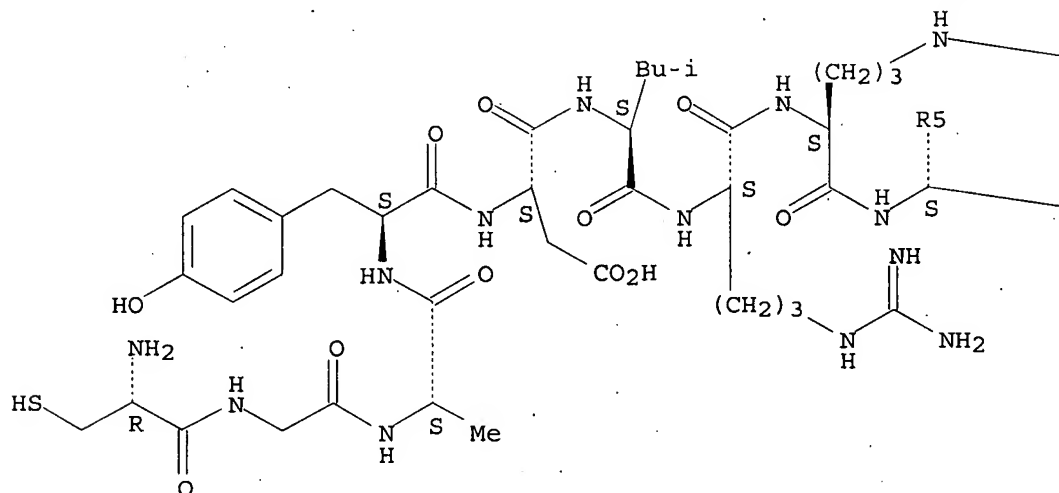
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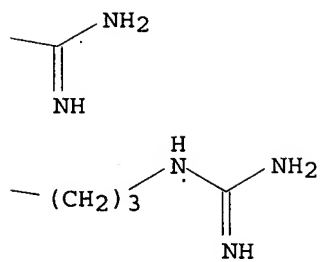
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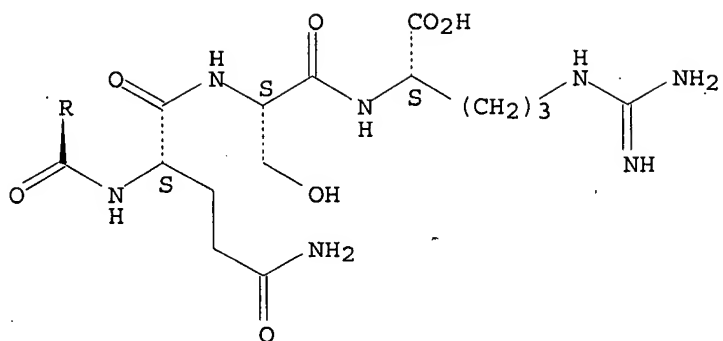
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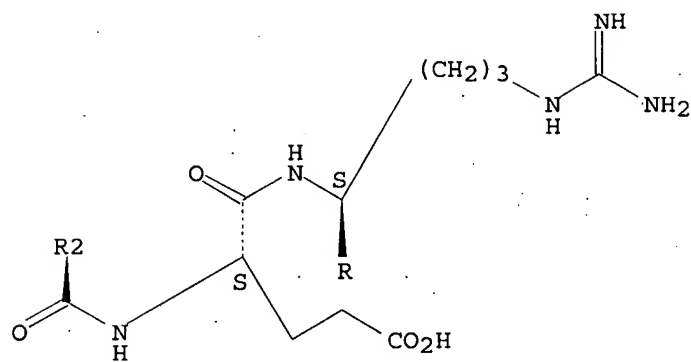
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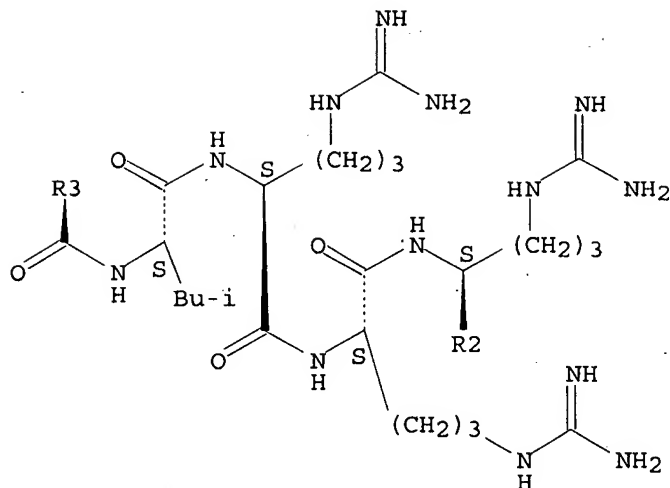
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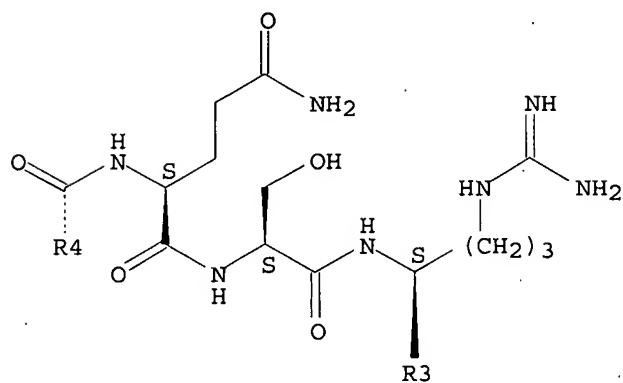
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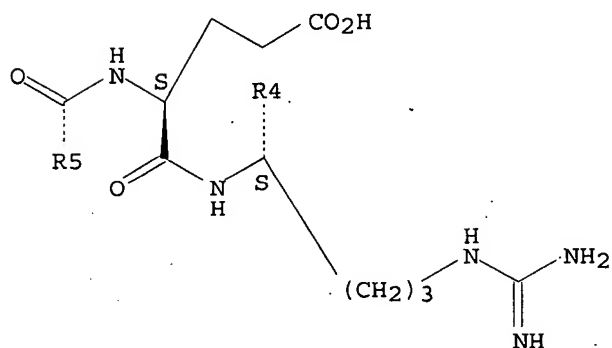
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PAGE 5-A



PAGE 6-A



2 REFERENCES IN FILE CA (1907 TO DATE)
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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 arginyl-L-arginyl-L-arginyl-L- α -glutamyl-L-arginyl-L-glutamyl-L-
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OTHER NAMES:

CN 2: PN: WO2005016960 SEQID: 2 claimed sequence
 CN 7: PN: FR2858772 SEQID: 7 claimed sequence
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 22

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	FR2858772
	claimed SEQID
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	WO2005016960
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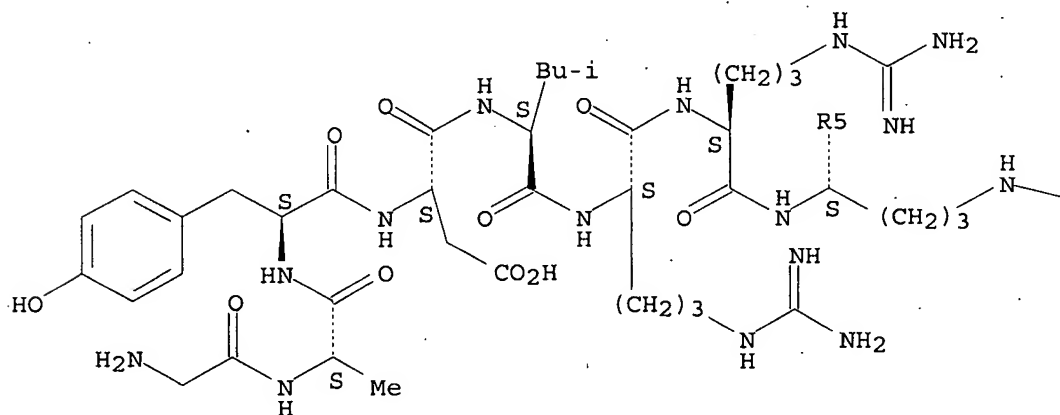
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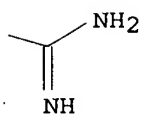
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties)

Absolute stereochemistry.

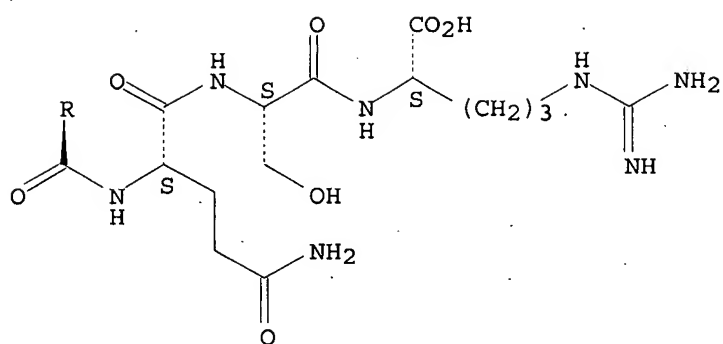
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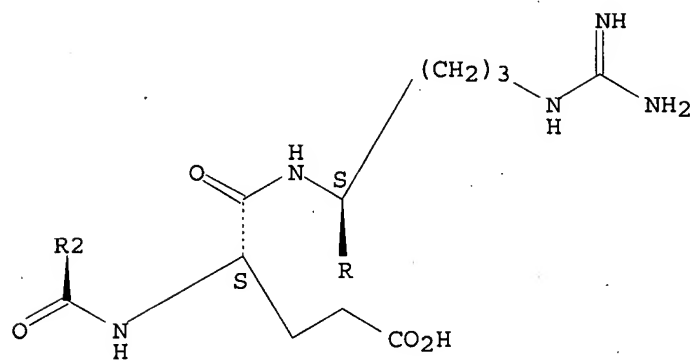
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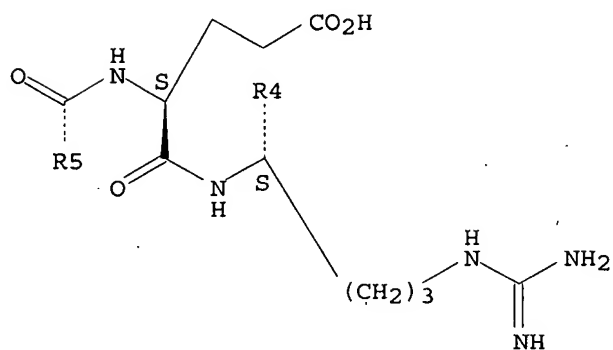
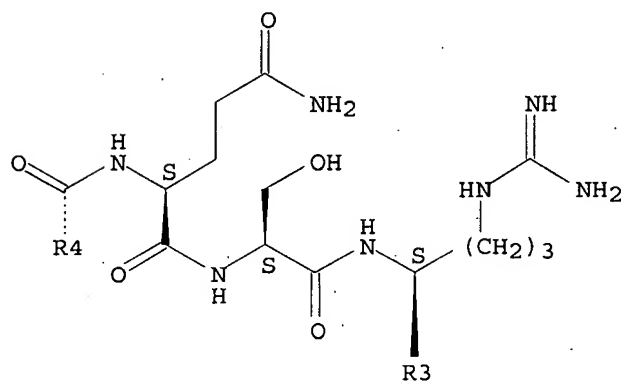
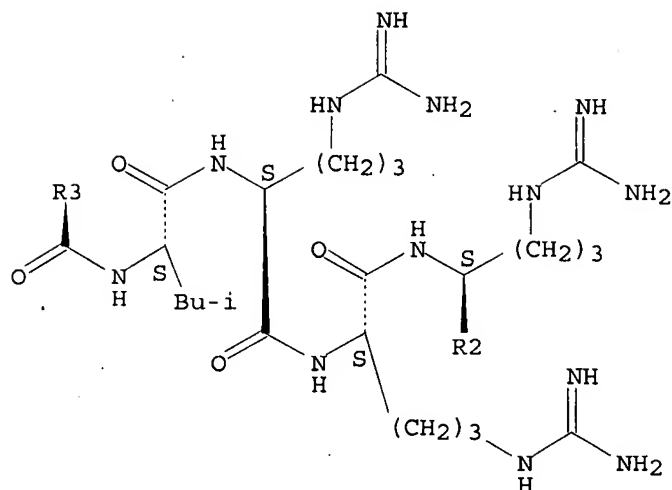


PAGE 2-A



PAGE 3-A





3 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

CN Protein (Oryza sativa clone PAT_MRT4530_76304C.1.pep fragment) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3777: PN: US20040123343 SEQID: 178781 claimed protein.
FS PROTEIN SEQUENCE
SQL 275

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	US2004123343 claimed SEQID 178781

SEQ 1 MGKDKQCETV DAVGMVPMEE EKKSKEEHL KIKSKDKSSG DEDEKKEIEI
51 EVKAKIVDK E VKLDSDDGA KSAVKS KSKDK KDKENKKSKDK KDDHDDDEDE
101 EGKKKEKEMK EKKKDKSDDK EEGKKKKDGD EEEGKKKEKK KDKDGDEKEG
=====

151 KKEKKKDKDG DEEEGKKKE KKKKDKGDKE KTNDPAKLKA KLEKIDTKIQ
201 DLQAKKEDIL RQLKEQLKEE LEGGKSKNAI EEKPAQTLEK GIEHNKPIEE
251 KPAETVEGSR ECKNNEKEET HVAAA

HITS AT: 102-119

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN
RN 671322-72-8 REGISTRY
CN Transcription-associated protein (Glycine max clone PAT_MRT3847_31785C.1.pep fragment) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2140: PN: US20040031072 SEQID: 210140 claimed protein
FS PROTEIN SEQUENCE
SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	US2004031072 claimed SEQID 210140

SEQ 1 MWKLRSARIS YLLCRLSQIK VSEAQIKHHR FCHSQVSSVL PPPSNLQHQQ
51 TQCDPPHTAV PRNYIGENV S RKDKNKYLYT TLLELND SKE AVYGALDAWV
101 AWEQNFP IAS LKTI LISLEK DQQWHRV VQV IKWMLSKGQG MTMGTYGQLI
151 RALDMDHRVE EAQKFWEIKI GSDLHSVPWQ LCHLMISVYY RNNMLQDLVK
201 LFKGLEAFDR KPRDKSIIQK VANAYEVLGL VKEKERVLEK YNHLFTETGP
251 TKRHKRNSFE AKKHVHPTKE KRHQKQSRKA SSEEKYKSEQ KDPKLDIGHI
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HITS AT: 261-278

MF Unspecified
CI MAN

SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
(Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN
RN 486859-91-0 REGISTRY
CN GenBank BAC07421 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN GenBank BAC07421 (Translated from: GenBank AP004267)
FS PROTEIN SEQUENCE
SQL 275

SEQ 1 MGKDKQCETV DAVGMVPMEE EKKSKEEIH L KIKSKDKSSG DEDEKKEIEI
51 EVKAKIVDKE EVKLDSDDGA KSAVKS KSKDK KDKENKKSDK KDDEHDDDEDE
101 EGKKKEKEMK EKKKDKSDKK EEGKKKKDGD EEGKKKKEKK KDKDGDEKEG
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151 KKEKKKDKDG DEEEEGKKKE KKKKDKGDKE KTNDPAKLKA KLEKIDTKIQ
201 DLQAKKEDIL RQLKEQLKEE LEGGKSKNAI EEKPAQTLEK GIEHNKPIEE
251 KPAETVEGSR ECKNNEKEET HVAAA

HITS AT: 102-119

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
CI MAN
SR GenBank

=> file hcaplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
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=> s 12
L4 7 L2
=> d 14 1-7

L4 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:163120 HCAPLUS
 DN 146:178150
 TI Curated genome annotation of *Oryza sativa* ssp. *japonica* and comparative genome analysis with *Arabidopsis thaliana*
 AU Gojobori, Takashi
 CS The Rice Annotation Project, Japan
 SO Genome Research (2007), 17(2), 175-183
 CODEN: GEREFS; ISSN: 1088-9051
 PB Cold Spring Harbor Laboratory Press
 DT Journal
 LA English

L4 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:876357 HCAPLUS
 DN 143:353060
 TI Novel human-derived cell-penetrating peptides for specific subcellular delivery of therapeutic biomolecules
 AU De Coupade, Catherine; Fittipaldi, Antonio; Chagnas, Vanessa; Michel, Matthieu; Carlier, Sophie; Tasciotti, Ennio; Darmon, Audrey; Ravel, Denis; Kearsey, Jonathan; Giacca, Mauro; Cailler, Françoise
 CS Diatos S.A., Paris, 75014, Fr.
 SO Biochemical Journal (2005), 390(2), 407-418
 CODEN: BIJOAK; ISSN: 0264-6021
 PB Portland Press Ltd.
 DT Journal
 LA English

RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:177899 HCAPLUS
 DN 142:273964
 TI Antibacterial composition, especially for controlling Gram-negative bacteria, comprising a peptide and a hydrophobic antibacterial agent
 IN Arranz, Valerie
 PA Diatos, Fr.
 SO PCT Int. Appl., 53 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005018650	A2	20050303	WO 2004-FR2142	20040813
	WO 2005018650	A3	20050616		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	EP 1512696	A1	20050309	EP 2003-292030	20030814
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	CA 2535745	A1	20050303	CA 2004-2535745	20040813
	EP 1653989	A2	20060510	EP 2004-786310	20040813

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

JP 2007502262 T 20070208 JP 2006-523036 20040813
PRAI EP 2003-292030 A 20030814
FR 2003-9962 A 20030814
WO 2004-FR2142 W 20040813

L4 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:161031 HCAPLUS

DN 142:266763

TI Peptide vectors facilitating intracellular or intranuclear delivery of
drugs and their therapeutic use

IN Avrameas, Alexandre

PA Diatos, Fr.

SO PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005016960	A2	20050224	WO 2004-IB2936	20040813
	WO 2005016960	A3	20050407		
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	EP 1512696	A1	20050309	EP 2003-292030	20030814
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	CA 2535670	A1	20050224	CA 2004-2535670	20040813
	EP 1654285	A2	20060510	EP 2004-769334	20040813
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	BR 2004013521	A	20061010	BR 2004-13521	20040813
	US 2007042492	A1	20070222	US 2006-568108	20060213
PRAI	EP 2003-292030	A	20030814		
	FR 2003-9962	A	20030814		
	WO 2004-IB2936	W	20040813		

L4 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:139996 HCAPLUS

DN 142:233277

TI Antibacterial composition, more particularly against Gram-negative
bacteria, including a peptide and a hydrophobic antibacterial agent

IN Arranz, Valerie

PA Diatos, Fr.

SO Fr. Demande, 47 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2858772	A1	20050218	FR 2003-9962	20030814

AU 2004265159	A1	20050224	AU 2004-265159	20040813
CA 2535670	A1	20050224	CA 2004-2535670	20040813
WO 2005016960	A2	20050224	WO 2004-IB2936	20040813
WO 2005016960	A3	20050407		

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EP 1654285	A2	20060510	EP 2004-769334	20040813
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EP 1653989	A2	20060510	EP 2004-786310	20040813
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BR 2004013521	A	20061010	BR 2004-13521	20040813
JP 2007502262	T	20070208	JP 2006-523036	20040813
US 2007042492	A1	20070222	US 2006-568108	20060213

PRAI EP 2003-292030	A	20030814		
FR 2003-9962	A	20030814		
WO 2004-FR2142	W	20040813		
WO 2004-IB2936	W	20040813		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:663850 HCAPLUS
DN 141:186005
TI Rice nucleic acid molecules and encoded proteins and their uses for plant improvement
IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei; Boukharov, Andrey A.; Barbazuk, Brad W.
PA USA
SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514
	US 2004123343	A1	20040624	US 2003-437963	20030514
PRAI	US 2000-197872P	P	20000419		
	US 2001-837604	A2	20010418		

US 2003-437963 A 20030514

L4 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:260836 HCAPLUS
DN 140:248283
TI Soybean nucleic acids and encoded proteins associated with transcription
in plants and their uses for plant improvement
IN La Rosa, Thomas J.; Zhou, Yihua; Kovalic, David K.; Cao, Yongwei
PA USA
SO U.S. Pat. Appl. Publ., 15 pp., Cont.-in-part of U.S. Ser. No. 985,678,
abandoned.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 76

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004031072	A1	20040212	US 2003-424599	20030428
	US 2004031072	A1	20040212	US 2003-424599	20030428
PRAI	US 1999-304517	B1	19990506		
	US 2001-985678	B2	20011105		
	US 2003-424599	A	20030428		

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